

# ***xDSL INTERCONNECTING DEVICE AND COMMUNICATION SYSTEM***

## **Abstract of Disclosure**

An xDSL interconnecting device for interconnecting the first analog line and the second analog line, includes: the first analog transmit/receive unit, connected to the first analog line, for transmitting an analog signal having the first frequency band to the first analog line and receiving an analog signal having the second frequency band higher than the first frequency band from the first analog line; the second analog transmit/receive unit, connected to the second analog line, for transmitting an analog signal having the second frequency band to the second analog line and receiving an analog signal having the first frequency band from the second analog line; and an interconnecting unit, connected to the first and second transmit/receive units, for interconnecting communication between the first and second analog transmit/receive units.

## Figures